

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.yy**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000276**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 12-Sep-2007**Location:** Changxing Island, Shanghai, China

Submittals(New / Total): **CWR's:** 1 / 2 **HSR's:** 0 / 2 **NCR's:** 0 / 2

Item	Title	Detail
1	Critical Weld Repairs (CWRs)	CWR-001 rev 1 (crack in Skin Plate D butt joint) - revise and re-submit.
2	Major component movement	QA observed welding on the 77m Tower Mock-up: Continue repairs of Skin Plates A and E. QA observed welding on the 114m Tower Mock-up: Perform MT of Skin Plate butt welds, Continue welding of Skin Plate Stiffeners Repair of Skin Plate D CWR for butt joint crack.
3	Meetings attended	QA met with ABF and ZPMC at 1400 to discuss the schedule for the next two days: Begin welder qualification tests in the 4G position and non-standard joint welder qualifications. 77m Tower Mock-up: Continue repair Skin A and E Stiffeners, Weld lifting eyes for general assembly. Diaphragms are waiting for flanges. 89m Tower Mock-up: Perform UT of Diaphragms SA13 and P126. 114m Tower Mock-up: Continue machining, fitting and welding of Skin Plate butt joints and stiffeners, UT scheduled for Upper and Lower Skin Plate B Stiffeners, Weld temporary diaphragm butt welds, Drill Splice Plates.
4	Key conversations	Caltrans met with ABF and ZPMC at 1330 to discuss issues related to fabrication: ZPMC asked about non-recordable vs. recordable weld repairs. Caltrans stated that any repair which required excavation of the weld should be recorded, but that repairs like overlap and undercut did not need to be recorded.

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ZPMC asked how well gouged grooves need to be ground. ABF explained the requirements for cleaning to "bright metal".

ZPMC asked about notification of shipping of Check Samples. Caltrans responded that ZPMC should notify Caltrans when the samples are shipped and Caltrans will notify ABF with results of the samples.

5 Other important observations

QA David McClary and Roscoe Dixon visited the testing facilities for Shanghai Institute of Iron and Steel Technology which will be acting as the primary test facility for the check samples. The purpose of the trip was to coordinate scheduling and contact information. While at the facilities, the first 12 check samples from ZPMC arrived. Machining of the samples is currently scheduled for Thursday, September 13, 2007, and mechanical testing to begin on Friday, September 14, 2007.

6 Quality Assurance Inspectors per shift

4 Day Shift (Acuna, Brannon, Franco on Island, Dixon at testing Lab.)
2 Swing Shift (Smith, Viars)
1 Graveyard Shift (Hasler)

Inspected By: McClary,David

Quality Assurance Inspector

Reviewed By: Lowry,Patrick

QA Reviewer
